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| Page | 1 | of | 4 |
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| <b>Application Number</b>     | 10/677,956      |
| <b>Filing Date</b>            | 10/01/2003      |
| <b>First Named Inventor</b>   | Suzanne Zebede  |
| <b>Art Unit</b>               | 1648            |
| <b>Examiner Name</b>          | Zachariah Lucas |
| <b>Attorney Docket Number</b> | 323-100US D     |

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12/05/2006

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| Substitute for form 1449B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    | <b>Complete if Known</b> |                        |             |
|                                                                                                                                        |   |    | Application Number       | 10/677,956             |             |
|                                                                                                                                        |   |    | Filing Date              | 10/01/2003             |             |
|                                                                                                                                        |   |    | First Named Inventor     | Suzanne Zebedee        |             |
|                                                                                                                                        |   |    | Art Unit                 | 1648                   |             |
|                                                                                                                                        |   |    | Examiner Name            | Zachariah Lucas        |             |
| Sheet                                                                                                                                  | 2 | of | 4                        | Attorney Docket Number | 323-100US D |

| NON PATENT LITERATURE DOCUMENTS |                       |                                                                                                                                                                                                                                                                 |                |
|---------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner Initials <sup>1</sup>  | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| ZL                              |                       | HOUGHTON, ET AL., Int. K. Prot. Res., 16:311-320 (1980)                                                                                                                                                                                                         |                |
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| Examiner Signature | /Zachariah Lucas/ | Date Considered | 12/05/2006 |
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| Examiner Initials <sup>*</sup>  | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                               | T <sup>2</sup> |
| ZL                              |                       | PRINCE, ET AL., "Long-Incubation of Post-Transfusion Hepatitis Without Serological Evidence of Exposure to Hepatitis-B Virus", The Lancet, 2:241 (1974)                                                                                                                                       |                |
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| ZL                              |                       | SUTCLIFFE, ET AL., "Antibodies That React with Predetermined Sites on Proteins", Science, Vol. 219, No. 4585, pp. 600-666 (1983)                                                                                                                                |                |
| ZL                              |                       | GERBER, ET AL., "Biology of Disease: Molecular and Cellular Pathology of Hepatitis B", Laboratory Investigation, Vol. 52, No. 6, pp. 572-590 (1985)                                                                                                             |                |
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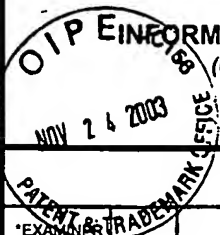
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| ZL                              |                       | WILKINS, J., "Late seroconversion following HPV -77, DE5 rubella virus vaccine", Am. J. Obstet. Gynecol., Vol. 121, No. 7, pp. 998-1002 (1974)                                                                                                                                                           |                |
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**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

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10/677,956

APPLICANT(S)

SUZANNE ZEBEDEE, ET AL.

FILING DATE

10/1/2003

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**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE       | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|------------|----------------|-------|----------|-------------------------------|
| ZL                   | 5,204,259       | 4/20/1993  | HELTING ET AL. |       |          |                               |
| ZL                   | 5,470,720       | 11/28/1995 | HELTING ET AL. |       |          |                               |
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**FOREIGN PATENT DOCUMENTS**

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**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

|    |  |                                                         |
|----|--|---------------------------------------------------------|
| ZL |  | Okamoto et al, Japan J. Exp. Med. Vol. 60, No. 4 (1990) |
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